

Title (en)

Method and control system for improving shift feeling in automated transmissions

Title (de)

Verfahren und Einrichtung zur Verbesserung des Schaltgefühls in automatisierten Schaltgetrieben

Title (fr)

Méthode et dispositif de commande pour réduire le sentiment d'inconfort lors du changement de vitesse dans une boîte de vitesses automatisée

Publication

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Application

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Priority

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- JP 2001358988 A 20011126

Abstract (en)

The invention relates to a method and a system of controlling a vehicle comprising friction clutches 203, 204 and engaging clutches 19, 20, 21 that are arranged between an input shaft and an output shaft of a gear type transmission having a plurality of gear trains. A power train unit 100 controls an output shaft torque and an input rotation speed of the transmission during changing speed by estimating or detecting input a torque to the transmission, and detecting an output rotation speed of the transmission, and setting a target shift torque during shifting gear, and setting a command value to the friction clutches 203 and 204 from the target shift torque and the input torque.

IPC 8 full level

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Citation (applicant)

- JP 2703169 B2 19980126
- JP 2898405 B2 19990602 - VOLKSWAGEN AG

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CN103307223A; FR2955820A1; FR2955819A1; EP2354599A1; FR2955821A1; US9347557B2

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